

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A product capable of having anti-inflammatory ~~one or more~~ properties, ~~selected from~~

- ~~_____ a) _____ anti-fouling properties,~~
- ~~_____ b) _____ anti-adhesive properties,~~
- ~~_____ c) _____ anti-inflammatory properties,~~

~~wherein said product is obtainable from starfish.~~

wherein said product is obtainable from starfish,

wherein said product is glycoprotein,

wherein said glycoprotein has a molecular weight of about 1,100 kDa as measured by 3% polyacrylamide gel electrophoresis,

wherein the glycoprotein exhibits at least one characteristic selected from the group consisting of:

- _____ a) _____ sensitivity to the action of chondroitinase ABC I,
- _____ b) _____ sensitivity to the action of N-glycanase,
- _____ c) _____ resistance to the action of chondroitinases ACI and B,
- _____ d) _____ resistance to the action of proteinase K,
- _____ e) _____ resistance to the of papain, and
- _____ f) _____ sensitivity to the action of neuraminidase.

2. (Currently amended) A product according to claim 1 wherein said product is obtainable from the mucus secretions of the starfish, ~~is *Marthasterias glacialis*.~~

3. (Currently amended) A product according to claim 2-1 wherein the starfish is said product is obtainable from the tube feet of *Marthasterias glacialis*.

Claims 4-6 (Canceled)

7. (Original) A product according to claim 1, said product not having significant anticoagulant properties.

8. (Currently Amended) A method for the preparation of a product according to claim 4~~1~~, said method comprising:

- a) collecting mucus from *Marthasterias glacialis*,
- b) removing particulate material by centrifugation,
- c) subjecting the supernatant to column chromatography,
- d) eluting the product from the chromatography column of (c), and
- e) optionally dialysing said eluted product against distilled water.

9. (Original) An antibody raised against a product according to claim 1.

10. (Canceled)

11. (Original) A pharmaceutical comprising the product of claim 1.

Claims 12-19 (Canceled)

20. (Currently amended) A composition comprising a ~~proteoglycan~~ glycoprotein obtainable from the mucus secretions of *Marthasterias glacialis* which exhibits a molecular weight of about 1,100 kDa as measured by 3 % polyacrylamide gel electrophoresis, and is sensitive to the action of chondroitinase ABC I, sensitive to the action of N-glycanase, sensitive to the action of neuraminidase, resistant to the action of chondroitinases ACI and B, resistant to the action of proteinase K, and resistant to the action of papain.